

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/667,556
Source: 1FW16
Date Processed by STIC: 11/12/04

ENTERED

**CRF Errors Edited by the STIC Systems
Branch**

Serial Number: 09/667,556

CRF Edit Date: 11/15/04
Edited by: AC

____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

____ Corrected the SEQ ID NO. Sequence numbers edited were:

J (11) Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
11

/ Deleted: / invalid beginning/end-of-file text ; ____ page numbers

____ Inserted mandatory headings/numeric identifiers, specifically:

____ Moved responses to same line as heading/numeric identifier, specifically:

____ Other:



IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/667,556

DATE: 11/15/2004

TIME: 12:36:13

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11152004\I667556.raw

6 <110> APPLICANT: MediGene Aktiengesellschaft

8 <120> TITLE OF INVENTION: Medicament for preventing or treating papilloma virus-specific tumors

C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/667,556

C--> 11 <141> CURRENT FILING DATE: 2000-09-22

V--> 0 <130> FILE REFERENCE:

11 <150> PRIOR APPLICATION NUMBER: 198 12 941.6

12 <151> PRIOR FILING DATE: 1998-03-24

14 <160> NUMBER OF SEQ ID NOS: 12

16 <170> SOFTWARE: FastSEQ for Windows Version 3.0

18 <210> SEQ ID NO: 1

19 <211> LENGTH: 40

20 <212> TYPE: DNA

21 <213> ORGANISM: artificial sequence

23 <220> FEATURE:

24 <223> OTHER INFORMATION: Oligonucleotide PCR-primer that introduces a restriction site

26 <400> SEQUENCE: 1

28 aaagatatct tgtagtaaaa atttgcgtcc taaaggaaac

40

30 <210> SEQ ID NO: 2

31 <211> LENGTH: 44

32 <212> TYPE: DNA

33 <213> ORGANISM: artificial sequence

35 <220> FEATURE:

36 <223> OTHER INFORMATION: Oligonucleotide PCR-primer that introduces a restriction site

38 <400> SEQUENCE: 2

40 aaagatatct aatctacctc tacaactgct aaacgcaaaa aacg

44

42 <210> SEQ ID NO: 3

43 <211> LENGTH: 35

44 <212> TYPE: DNA

45 <213> ORGANISM: artificial sequence

47 <220> FEATURE:

48 <223> OTHER INFORMATION: Oligonucleotide PCR-primer that introduces a restriction site

50 <400> SEQUENCE: 3

52 aaaagatatc atgcatggag atacacctac attgc

35

54 <210> SEQ ID NO: 4

55 <211> LENGTH: 34

56 <212> TYPE: DNA

57 <213> ORGANISM: artificial sequence

59 <220> FEATURE:

60 <223> OTHER INFORMATION: Oligonucleotide PCR-primer that introduces a restriction site

62 <400> SEQUENCE: 4

64 ttttgatata ggctctgtcc ggttctgctt gtcc

34

67 <210> SEQ ID NO: 5

68 <211> LENGTH: 24

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/667,556

DATE: 11/15/2004

TIME: 12:36:13

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11152004\I667556.raw

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69 <212> TYPE: DNA
70 <213> ORGANISM: artificial sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: Oligonucleotide primer for "Four primer PCR"
75 <400> SEQUENCE: 5
77      gttatgacat acatacattc tatg          24
79 <210> SEQ ID NO: 6
80 <211> LENGTH: 35
81 <212> TYPE: DNA
82 <213> ORGANISM: artificial sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Oligonucleotide primer for "Four primer PCR"
87 <400> SEQUENCE: 6
89      ccatgcattc ctgctttag taaaaatttg cgtcc          35
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 29
97 <212> TYPE: DNA
98 <213> ORGANISM: artificial sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Oligonucleotide primer for "Four primer PCR"
103 <400> SEQUENCE: 7
105      ctacaagcag gaatgcatgg agatacacc          29
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 36
109 <212> TYPE: DNA
110 <213> ORGANISM: artificial sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Oligonucleotide primer for "Four primer PCR"
115 <400> SEQUENCE: 8
117      catctgaagc ttagtaatgg gctctgtccg gttctg          36
120 <210> SEQ ID NO: 9
121 <211> LENGTH: 38
122 <212> TYPE: DNA
123 <213> ORGANISM: artificial sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Oligonucleotide PCR-primer that introduces three additional
dons
127      for a C-terminal extension of the coded fusion protein
129 <400> SEQUENCE: 9
131      catctgaagc ttatcaatat tgtaatgggc tctgtccg          38
133 <210> SEQ ID NO: 10
134 <211> LENGTH: 54
135 <212> TYPE: DNA
136 <213> ORGANISM: artificial sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: Oligonucleotide PCR-primer that introduces eight additional
dons
140      for a C-terminal extension of the coded fusion protein
143 <400> SEQUENCE: 10
145      catctgaagc ttacttgcaa caaaagggtta caatattgta atgggctctg tccg          54
148 <210> SEQ ID NO: 11

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RAW SEQUENCE LISTING

DATE: 11/15/2004

PATENT APPLICATION: US/09/667,556

TIME: 12:36:13

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11152004\I667556.raw

149 <211> LENGTH: 69

150 <212> TYPE: DNA

151 <213> ORGANISM: artificial sequence

153 <220> FEATURE:

154 <223> OTHER INFORMATION: Oligonucleotide PCR-primer that introduces thirteen additional codons

155 for a C-terminal extension of the coded fusion protein

157 <400> SEQUENCE: 11

159 catctgaagc ttaaagcgta gagtcacact tgcaacaaaa gggtacaata 50

160 ttgtaatggg ctctgtccg 69

162 <210> SEQ ID NO: 12

163 <211> LENGTH: 47

164 <212> TYPE: DNA

165 <213> ORGANISM: artificial sequence

167 <220> FEATURE:

168 <223> OTHER INFORMATION: Oligonucleotide PCR-primer that introduces eight additional codons

169 for a C-terminal extension of the coded fusion protein

171 <400> SEQUENCE: 12

173 catctgaagc ttattgtacg cacaaccgaa gcgtagagtc acacttg 47

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/667,556

DATE: 11/15/2004
TIME: 12:36:14

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\11152004\I667556.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:6; Line(s) 89

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/667,556

DATE: 11/15/2004

TIME: 12:36:14

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11152004\I667556.raw

:11 M:270 C: Current Application Number differs, Replaced Current Application No

:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

:0 M:201 W: Mandatory field data missing, <130> FILE REFERENCE



IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/667,556

DATE: 11/12/2004

TIME: 11:32:32

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\11122004\I667556.raw

W--> 1 M26779PCT

4 <110> APPLICANT: MediGene Aktiengesellschaft

6 <120> TITLE OF INVENTION: Medicament for preventing or treating papilloma virus-specific tumors

C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/667,556

C--> 9 <141> CURRENT FILING DATE: 2000-09-22

W--> 0 <130> FILE REFERENCE:

9 <150> PRIOR APPLICATION NUMBER: 198 12 941.6

10 <151> PRIOR FILING DATE: 1998-03-24

12 <160> NUMBER OF SEQ ID NOS: 12

14 <170> SOFTWARE: FastSEQ for Windows Version 3.0

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

146 <210> SEQ ID NO: 11

147 <211> LENGTH: 69

148 <212> TYPE: DNA

149 <213> ORGANISM: artificial sequence

151 <220> FEATURE:

152 <223> OTHER INFORMATION: Oligonucleotide PCR-primer that introduces thirteen additional codons

153 for a C-terminal extension of the coded fusion protein

155 <400> SEQUENCE: 11

E--> 157 catctgaagc ttaaagcgta gagtcacact tgcaacaaaa ggttacaata 506 insert

158 ttgtaatggg ctctgtccg 69

160 <210> SEQ ID NO: 12

161 <211> LENGTH: 47

162 <212> TYPE: DNA

163 <213> ORGANISM: artificial sequence

165 <220> FEATURE:

166 <223> OTHER INFORMATION: Oligonucleotide PCR-primer that introduces eight additional codons

167 for a C-terminal extension of the coded fusion protein

169 <400> SEQUENCE: 12

171 catctgaagc ttattgtacg cacaaccgaa gcgtagagtc acacttg 47

E--> 177 - 1 -

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/667,556

DATE: 11/12/2004
TIME: 11:32:33

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\11122004\I667556.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:6; Line(s) 87

VERIFICATION SUMMARY

DATE: 11/12/2004

PATENT APPLICATION: US/09/667,556

TIME: 11:32:33

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\11122004\I667556.raw

L:1 M:259 W: Allowed number of lines exceeded, (1) GENERAL INFORMATION:
L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:0 M:201 W: Mandatory field data missing, <130> FILE REFERENCE
L:157 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:50 SEQ:11
L:177 M:254 E: No. of Bases conflict, this line has no nucleotides.